

IN THE CLAIMS

Please amend the claims as follows.

1. (Previously Presented) A distal tip electrode adapted for implantation on or about the heart and for connection to a system for monitoring or stimulating cardiac activity, said electrode comprising:

- an electrode tip;
- a mesh screen disposed at a distal end of the electrode tip;
- a surface at the distal end of the electrode tip;
- a fixation device disposed within said electrode, said fixation device adapted for travel along a radial axis of the electrode through said surface, the fixation device including an insulating material on at least a portion of its surface, the insulating material including an active ingredient;
- a guiding mechanism for directing movement of the fixation device during travel; and
- a movement assembly, said movement assembly for providing movement to said fixation device.

2. (Original) The distal tip electrode as recited in claim 1, wherein said fixation device comprises a helix.

3. (Previously Presented) The distal tip electrode as recited in claim 1, wherein said movement assembly comprises a piston and a base.

4. (Original) The distal tip electrode as recited in claim 3, wherein the piston has a slot therein, and the base further comprises a knob, said slot for mating with said knob.

5. (Previously Presented) The distal tip electrode as recited in claim 4, wherein the slot is mated with said knob to form a stop mechanism for said fixation device.

6. (Previously Presented) The distal tip electrode as recited in claim 1, wherein the guiding mechanism includes a groove guide disposed within the mesh screen.

7. (Previously Presented) The distal tip electrode as recited in claim 1, wherein the active ingredient includes a medication.

8. (Previously Presented) The distal tip electrode of claim 1, wherein the active ingredient includes an anti-inflammatant, an anti-biotic, or an analgesic.

9. (Currently Amended) A lead comprising:

a lead body including an electrode disposed along the lead body, the lead couplable to a pulse generator to deliver signals via the electrode; and

a an active fixation device disposed at a distal end of the lead body, the fixation device including an insulating material on at least a portion of its surface, the insulating material including an active ingredient.

10. (Previously Presented) The lead of claim 9, wherein the fixation device is adapted for travel along a radial axis of the lead body.

11. (Previously Presented) The lead of claim 9, including a mesh screen disposed at a distal end of the lead body.

12. (Previously Presented) The lead of claim 9, wherein the fixation device includes a helix.

13. (Previously Presented) The lead of claim 9, wherein the active ingredient includes a medication.

14. (Previously Presented) The lead of claim 9, wherein the active ingredient includes an anti-inflammatant, an anti-biotic, or an analgesic.

15. (Previously Presented) The lead of claim 9, wherein the active ingredient includes an anti-inflammatant, an anti-biotic, an analgesic, a pain-reducing medication, a vitamin, or an anti-viral medication.

16. (Previously Presented) A distal tip electrode adapted for implantation on or about the heart and for connection to a system for monitoring or stimulating cardiac activity, said electrode comprising:

- an electrode tip;
- a mesh screen disposed at a distal end of the electrode tip;
- a surface at the distal end of the electrode tip; and
- a fixation device disposed within said electrode, said fixation device adapted for travel along a radial axis of the electrode through said surface, the fixation device including an insulating material on at least a portion of its surface, the insulating material including an active ingredient.

17. (Previously Presented) The distal tip electrode of claim 16, wherein the active ingredient includes a medication.

18. (Previously Presented) The distal tip electrode of claim 16, wherein the active ingredient includes an anti-inflammatant, an anti-biotic, or an analgesic.

19. (Previously Presented) The distal tip electrode of claim 16, wherein the active ingredient includes an anti-inflammatant, an anti-biotic, an analgesic, a pain-reducing medication, a vitamin, or an anti-viral medication.